

ABSTRACT

Systems and methods for coordinating the control system of a switched power capacitor with an integrated resonance protection function. The coordination system coordinates the function of a switched power capacitor's primary control system and resonance protection system to avoid duplication of tasks and on / off operation deadlock. The coordination system adjusting calculations made by the primary control system in response to a determination of a harmonic resonance condition by the resonance protection system.

ABSTRACT OF THE DISCLOSURE
The present invention relates to a system and method for coordinating the control system of a switched power capacitor with an integrated resonance protection function. The coordination system coordinates the function of a switched power capacitor's primary control system and resonance protection system to avoid duplication of tasks and on / off operation deadlock. The coordination system adjusting calculations made by the primary control system in response to a determination of a harmonic resonance condition by the resonance protection system.